

CONTACTORS - Installation



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4 POLE RELAY



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OVERLOADS - Thermal



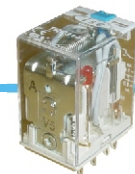
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CONTROL RELAYS - Industrial



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CONTROL RELAYS - Miniature



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CONTACTORS

INSTALLATION CONTACTORS (4 POLE)

DIN Board mounting contactors for Distribution
230V control only



INSTALLATION CONTACTOR

PARTNO	CURRENT AC1	AC1	KW RATING AC3 at 400V	Price
IK25-40-230	25A	16KW	4KW	572.00
IK40-40-230	40A	26KW	11KW	1024.00
IK63-40-230	63A	40KW	15KW	1287.00



K07M



ND2M AUXILIARY



MECHANICAL INTERLOCK

MINI CONTACTORS (3 POLE)

PARTNO	RATED CURRENT		KW (AC3)	AUX	Price
	AC1	AC3	400V	CONT	
K07M Series MINI 3 POLE CONTACTORS					
K07M-10-***	20A	8.5A	4KW	1NO	334.00
K07M-01-***	20A	8.5A	4KW	1NC	334.00

Note: Replace *** with Voltage value : AC - 024, 110, 230, 400

AUXILIARY CONTACT BLOCKS

PARTNO	DESCRIPTION	Price
ND2M-11	1NO + 1NC	90.00

ACCESSORIES & SPARES

MB7	Mechanical Interlock	147.00
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KNL6-22

4 POLE RELAYS

PARTNO	CURRENT RATING	CONTACTS	Price
KNL6-22-***	20A	2NO + 2NC	357.00

Note: Replace *** with Voltage value : AC - 024, 048, 110, 230, 400

CONTACTORS

STANDARD FRAME CONTACTORS (3 POLE)

PARTNO	RATED CURRENT AC1	AC3	KW (AC3) 400V	AUX CONT	Price
KNL Series 3 POLE CONTACTORS					
KNL9-10-***	25A	8.5A	4KW	1NO	357.00
KNL9-01-***	25A	8.5A	4KW	1NC	357.00
KNL12-10-***	25A	11.5A	5.5KW	1NO	421.00
KNL12-01-***	25A	11.5A	5.5KW	1NC	421.00
KNL16-10-***	25A	15.5A	7.5KW	1NO	528.00
KNL16-01-***	25A	15.5A	7.5KW	1NC	528.00
KNL22-00-***	35A	22.5A	11KW	-	689.00
KNL30-00-***	35A	30.0A	15KW	-	860.00
KNL43-11-***	75A	45.0A	22KW	1NO + 1NC	1832.00
KNL63-11-***	85A	63.0A	30KW	1NO + 1NC	2865.00

PARTNO	CONTACTOR	COIL VOLTAGES	Price
COILS (50/60 Hz)			
KNL9-56-***	for KNL6 - KNL30	A.C. COILS (24, 48, 110, 230, 400, 500)	121.00
KNL43-56-***	for KNL43 - KNL63	A.C. COILS (24, 48, 110, 230, 400, 500)	504.00

Note: Replace *** with Voltage value : AC - 024, 048, 110, 230, 400, 500

PARTNO	CONTACTOR	DESCRIPTION	Price
AUXILIARY CONTACT BLOCKS			
NDL2-11	for KNL9 - KNL30	1NO + 1NC	104.00
NDL2-02	for KNL9 - KNL30	2NC	104.00
NDL2-13	for KNL9 - KNL30	1NO + 3NC	167.00
NDL2-22	for KNL9 - KNL30	2NO + 2NC	167.00
NDL2-31	for KNL9 - KNL30	3NO + 1NC	167.00
NDL4-11	for KNL43 - KNL63	1NO + 1NC	232.00
NDL4-31	for KNL43 - KNL63	3NO + 1NC	232.00

PARTNO	CONTACTOR	DESCRIPTION	Price
SIDE MOUNT AUXILIARY CONTACT BLOCK			
NPL1-10	for KNL9 - KNL30	1NO (start contact)	93.00
NPL1-01	for KNL9 - KNL30	1NC	93.00

PARTNO	CONTACTOR	DESCRIPTION	Price
ACCESSORIES AND SPARES			
KMPL	for KNL9 - KNL30	DOL Enclosure	507.00
MBL	for KNL9 - KNL30	Mechanical Interlock	202.00
MBL43	for KNL43 - KNL63	Mechanical Interlock	628.00
RC230V	for KNL9 - KNL30	Noise filter	215.00
NT	for KNL9 - KNL30	Blank legend plates	5.00



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CONTACTORS

LARGE FRAME CONTACTORS (3 POLE)

PARTNO	RATED CURRENT AC1	AC3	KW (AC3) 400V	AUX CONT	Price
KNN Series 3 POLE CONTACTORS					
KNN80-***	125A	80A	37KW	-	3842.00
KNN95-***	125A	95A	45KW	-	4310.00
KNN110-***	135A	110A	55KW	-	4891.00
KNN150-***	230A	150A	75KW	-	6466.00
KNN175-***	250A	175A	90KW	-	7718.00
KNN210-***	350A	210A	110KW	-	9283.00
KNN260-***	450A	260A	132KW	-	9799.00
KNN315-***	500A	315A	160KW	-	13535.00
KNN450-***	550A	450A	250KW	2NO + 2NC	21299.00
KNN550-***	700A	550A	315KW	2NO + 2NC	29901.00
KNN700-***	800A	700A	400KW	2NO + 2NC	42071.00

Note: Replace * with Voltage value : 110, 230, 400**

PARTNO	CONTACTOR	COIL VOLTAGES	Price
COILS & FEEDER GROUPS			
B02-***	for KNN80 - KNN95	AC Coil (110, 230, 400)	561.00
B022-***	for KNN110	AC Coil (110, 230, 400)	1258.00
B031-***	for KNN150 - KNN175	AC Coil (110, 230, 400)	1764.00
B041-***	for KNN210 - KNN315	AC Coil (110, 230, 400)	5055.00
B51-***	for KNN450 - KNN550	AC Coil (110, 230, 400)	3850.00
B61-***	for KNN700	AC Coil (110, 230, 400)	6121.00
		} used in conjunction with a Feeder Group below	
FG51-***	for KNN450 - KNN550	Feeder Group	3261.00
FG61-***	for KNN700	Feeder Group	6774.00

Note: Replace * with Voltage value : 110, 230, 400**

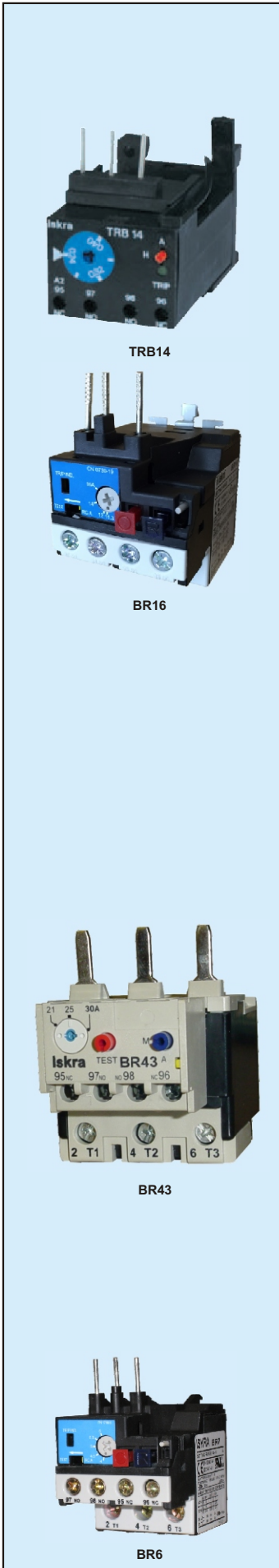
PARTNO	CONTACTOR	DESCRIPTION	Price
AUXILIARY CONTACT BLOCKS			
GH15S11	for KNN80 - KNN315	1NO + 1NC side mount	252.00
GH15T01	for KNN80 - KNN110	1NC top mount	110.00
GH15T10	for KNN80 - KNN110	1NO top mount	110.00
GH15T11	for KNN80 - KNN315	1NO + 1NC top mount	168.00
GH15T22	for KNN80 - KNN315	2NO + 2NC top mount	270.00
GH15T31	for KNN80 - KNN315	3NO + 1NC top mount	270.00
ACCESSORIES AND SPARES			
BM0H	for KNN80 - KNN95	Horiz. Mechanical Interlock	165.00
BM3H	for KNN110 - KNN315	Horiz. Mechanical Interlock	501.00
BM5H	for KNN450 - KNN550	Horiz. Mechanical Interlock	1711.00
BM6H	for KNN700	Horiz. Mechanical Interlock	2705.00
CS80	for KNN80	Contact Set	1283.00
CS95	for KNN95	Contact Set	1487.00
CS110	for KNN110	Contact Set	2076.00
CS150	for KNN150	Contact Set	2461.00
CS175	for KNN175	Contact Set	2735.00
CS210	for KNN210	Contact Set	3303.00
CS260	for KNN260	Contact Set	3934.00
CS315	for KNN315	Contact Set	4375.00
CS450	for KNN450	Contact Set	4523.00
CS550	for KNN550	Contact Set	7783.00
CS700	for KNN700	Contact Set	9782.00

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THERMAL OVERLOADS

PARTNO	CONTACTOR	RANGE	Price
OVERLOADS for KNL9 - KNL30			
<u>TRB14 Series for KNL9 - KNL30 (Discontinued - Replaced by BR16 Series)</u>			
TRB1416-0.4	for KNL9 - KNL16	0.24 - 0.40	495.00
TRB1416-0.63	for KNL9 - KNL16	0.38 - 0.63	495.00
TRB1416-1	for KNL9 - KNL16	0.60 - 1.00	495.00
TRB1416-1.6	for KNL9 - KNL16	0.96 - 1.60	495.00
TRB1416-2.5	for KNL9 - KNL16	1.50 - 2.50	495.00
TRB1416-4	for KNL9 - KNL16	2.40 - 4.00	495.00
TRB1416-6.3	for KNL9 - KNL16	3.80 - 6.30	495.00
TRB1416-10	for KNL9 - KNL16	6.00 - 10.00	495.00
TRB1430-25	for KNL22 - KNL30	15.00 - 25.00	536.00
TRB1430-40	for KNL22 - KNL30	24.00 - 40.00	536.00
<u>BR16 Series for KNL9 - KNL30</u>			
BR16-0.4	for KNL9 - KNL16	0.25 - 0.40	462.00
BR16-0.5	for KNL9 - KNL16	0.35 - 0.50	462.00
BR16-0.63	for KNL9 - KNL16	0.45 - 0.63	462.00
BR16-0.8	for KNL9 - KNL16	0.55 - 0.80	462.00
BR16-1	for KNL9 - KNL16	0.75 - 1.00	462.00
BR16-1.3	for KNL9 - KNL16	0.90 - 1.30	462.00
BR16-1.6	for KNL9 - KNL16	1.10 - 1.60	462.00
BR16-2	for KNL9 - KNL16	1.40 - 2.00	462.00
BR16-2.5	for KNL9 - KNL16	1.80 - 2.50	462.00
BR16-3.2	for KNL9 - KNL16	2.30 - 3.20	462.00
BR16-4	for KNL9 - KNL16	2.90 - 4.00	462.00
BR16-4.8	for KNL9 - KNL16	3.50 - 4.80	462.00
BR16-6.3	for KNL9 - KNL16	4.50 - 6.30	462.00
BR16-7.5	for KNL9 - KNL16	5.50 - 7.50	462.00
BR16-10	for KNL9 - KNL16	7.20 - 10.00	462.00
BR16-12.5	for KNL9 - KNL16	9.00 - 12.50	462.00
BR16-16	for KNL9 - KNL16	11.30 - 16.00	462.00
BR16-20	for KNL9 - KNL16	15.00 - 20.00	462.00
BR30-21.5	for KNL22 - KNL30	17.50 - 21.50	493.00
BR30-25	for KNL22 - KNL30	21.00 - 25.00	493.00
BR30-30	for KNL22 - KNL30	24.50 - 30.00	493.00
<u>BR43 Series OVERLOADS for KNL43 - KNL63</u>			
BR43-21	for KNL43 - KNL63	14.50 - 21.00	1372.00
BR43-30	for KNL43 - KNL63	21.00 - 30.00	1653.00
BR43-43	for KNL43 - KNL63	30.00 - 43.00	1839.00
BR43-63	for KNL43 - KNL63	43.00 - 63.00	1911.00
<u>CTx / THERMAL OVERLOADS for KNN80 - KNN315</u>			
ISCT80	for KNN80 - KNN315	56 - 80	816.00
ISCT100	for KNN80 - KNN315	70 - 100	816.00
ISCT150	for KNN80 - KNN315	105 - 150	816.00
ISCT200	for KNN80 - KNN315	140 - 200	816.00
ISCT250	for KNN80 - KNN315	175 - 250	816.00
ISCT300	for KNN80 - KNN315	210 - 300	816.00
ISCT400	for KNN80 - KNN315	280 - 400	816.00
Larger sizes available on request			
<u>BR6 Series OVERLOADS for KO7M - MINI CONTACTOR</u>			
BR6-1.3	for KO7M	0.90 - 1.30	451.00
BR6-1.9	for KO7M	1.30 - 1.90	451.00
BR6-2.8	for KO7M	1.90 - 2.80	451.00
BR6-4	for KO7M	2.80 - 4.00	451.00
BR6-6	for KO7M	4.00 - 6.00	451.00
BR6-9	for KO7M	6.00 - 9.00	451.00



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PLUG-IN RELAYS & BASES

PARTNO	DESCRIPTION	Price
TRP6 Series INDUSTRIAL CONTROL RELAYS		
Fitted with test key and flag indication .		
<u>Series 68 8 pin plug-in Relays (10 amp rating)</u>		
TRP6822-012AC	12v AC, 8 pin plug-in relay with 2 C/O contacts	130.00
TRP6822-024AC	24v AC, 8 pin plug-in relay with 2 C/O contacts	130.00
TRP6822-110AC	110v AC, 8 pin plug-in relay with 2 C/O contacts	145.00
TRP6822-230AC	230v AC, 8 pin plug-in relay with 2 C/O contacts	145.00
TRP6827-012DC	12v DC, 8 pin plug-in relay with 2 C/O contacts	141.00
TRP6827-024DC	24v DC, 8 pin plug-in relay with 2 C/O contacts	141.00
TRP6827-230DC	230v DC, 8 pin plug-in relay with 2 C/O contacts	190.00
<u>Series 69 11 pin plug-in Relays (10 amp rating)</u>		
TRP6932-012AC	12v AC, 11 pin plug-in relay with 3 C/O contacts	158.00
TRP6932-024AC	24v AC, 11 pin plug-in relay with 3 C/O contacts	158.00
TRP6932-110AC	110v AC, 11 pin plug-in relay with 3 C/O contacts	175.00
TRP6932-230AC	230v AC, 11 pin plug-in relay with 3 C/O contacts	175.00
TRP6937-012DC	12v DC, 11 pin plug-in relay with 3 C/O contacts	169.00
TRP6937-024DC	24v DC, 11 pin plug-in relay with 3 C/O contacts	169.00
TRP6937-230DC	230v DC, 11 pin plug-in relay with 3 C/O contacts	200.00
<u>DIN / Surface Bases</u>		
ES8	for 8 pin plug-in relay	60.00
ES11	for 11 pin plug-in relay	64.00
TRP3 Series MINIATURE CONTROL RELAYS		
Fitted with test & lock key , & LED indication .		
<u>Series 312 8 pin flat plug-in Relays (10 amp rating)</u>		
TRP3124-012AC	12v AC, 8 pin flat plug-in relay with 2 C/O contacts	103.00
TRP3124-024AC	24v AC, 8 pin flat plug-in relay with 2 C/O contacts	103.00
TRP3124-110AC	110v AC, 8 pin flat plug-in relay with 2 C/O contacts	123.00
TRP3124-230AC	230v AC, 8 pin flat plug-in relay with 2 C/O contacts	123.00
TRP3124-012DC	12v DC, 8 pin flat plug-in relay with 2 C/O contacts	101.00
TRP3124-024DC	24v DC, 8 pin flat plug-in relay with 2 C/O contacts	101.00
<u>Series 314 14 pin flat plug-in Relays (5 amp rating)</u>		
TRP3144-012AC	12v AC, 14 pin flat plug-in relay with 4 C/O contacts	97.00
TRP3144-024AC	24v AC, 14 pin flat plug-in relay with 4 C/O contacts	97.00
TRP3144-110AC	110v AC, 14 pin flat plug-in relay with 4 C/O contacts	113.00
TRP3144-230AC	230v AC, 14 pin flat plug-in relay with 4 C/O contacts	113.00
TRP3144-012DC	12v DC, 14 pin flat plug-in relay with 4 C/O contacts	97.00
TRP3144-024DC	24v DC, 14 pin flat plug-in relay with 4 C/O contacts	97.00
<u>DIN / Surface Bases</u>		
ES15/2	for 8 pin flat plug-in relay	65.00
ES15/4	for 14 pin flat plug-in relay	80.00
D.C. Relays are polarity protected		
	8 pin: "+" = pin 2	
	"-" = pin 7	
	11 pin: "+" = pin 2	
	"-" = pin 10	



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